



simulation of drill string radial force

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JW Harrell, V Dubinsky, JV Leggett III - US Patent 5,842,149, 1998 - Google Patents

... The system includes a **drilling** assembly with a **drill** bit, a plurality of sensors for providing signals relating to parameters relating to the **drilling** assembly ...[Cited by 55](#) - [Related Articles](#) - [Web Search](#)**Preventing buckling in drill string - group of 2 »**

TB Dellinger, W Gravley, JE Walraven - US Patent 4,384,483, 1983 - Google Patents

... or it can be practiced in a **simulation** of a ... of the hole and are negative if the **drill string** is going ... is the **radial** clearance between the pipe outside diameter ...[Cited by 8](#) - [Related Articles](#) - [Web Search](#)**Low friction subterranean drill bit and related methods - group of 2 »**

JF Brett, TM Warren, LA Sinor, SM Behr - US Patent 5,131,478, 1992 - Google Patents

... with the invention; FIG. 12B shows a plot of the net **radial** imbalance **force** vector for the **drill** bit of FIG. 12A; FIG. 13A shows a ...[Cited by 42](#) - [Related Articles](#) - [Web Search](#)**Simulation of stress waves in attenuating drill strings, including piezoelectric sources and sensors - group of 3 »**

JM Carcione, F Poletto - The Journal of the Acoustical Society of America, 2000 - link.aip.org

Simulation of stress waves in attenuating **drill strings**, including ... where is the density of the **drill string** and is ... On the other hand, the **radial**-component of ...[Cited by 4](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)**Force-balanced roller-cone bits, systems, drilling methods, and design methods - group of 6 »**

S Chen - US Patent 6,986,395, 2006 - Google Patents

... **Drill string** oscillations change the instantaneous **force** on the bit, and that means that the bit will not operate as designed. ...[Cited by 7](#) - [Related Articles](#) - [Web Search](#)**... LOSS FROM NON-NEWTONIAN MUDS DURING DRILLING USING ECCENTRIC/CONCENTRIC DRILL STRINGS WITH/WITHOUT ... - group of 7 »**

KA FISHER, RJ WAKEMAN, TW CHIU, OFJ MEURIC - Trans IChemE, 2000 - extenza-eps.com

... a dynamic θ lration the cake thickness is limited by the shear **force** from the ... may arise such as excessive torque when rotating the **drill string** and excessive ...[Cited by 3](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)**Lateral Buckling of Pipe With Connectors in Horizontal Wells - group of 6 »**

RF Mitchell, L Graphics - SPE Journal, 2003 - lgc.com

... results assert that the connector **radial** clearance should be ... RF: "Helical Buckling of Pipe With Connectors ... at the 1999 SPE/IADC **Drilling** Conference, Amsterdam ...[Cited by 2](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#) - [BL Direct](#)**The Buckling Behavior of Pipes and Its Influence on the Axial Force Transfer in Directional Wells - group of 3 »**

E Kuru, A Martinez, S Miska, W Qiu - Journal of Energy Resources Technology, 2000 - link.aip.org

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**PALM INTRANET****Inventor Name Search Result**

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Last Name = CENTALA

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Application#	Patent#	Status	Date Filed	Title	Inventor Name
10890524	Not Issued	30	07/13/2004	Axial stability in rock bits	CENTALA, PRABHAKARAN
11151495	Not Issued	30	06/13/2005	Drill bit and cutter element having multiple extensions	CENTALA, PRABHAKARAN
10809276	Not Issued	30	03/25/2004	Radial force distributions in rock bits	CENTALA, PRABHAKARAN K.
10938068	Not Issued	71	09/10/2004	Two-cone drill bit with enhanced stability	CENTALA, PRABHAKARAN K.
10938069	Not Issued	41	09/10/2004	Two-cone drill bit	CENTALA, PRABHAKARAN K.
11232434	Not Issued	30	09/21/2005	Hybrid disc bit with optimized PDC cutter placement	CENTALA, PRABHAKARAN K.
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60705507	Not Issued	159	08/04/2005	Methods for determining forces on cutters and their applications to drill bit design	CENTALA, PRABHAKARAN K.

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